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(FILE 'HOME' ENTERED AT 17:25:42 ON 10 MAR 2004)

FILE 'STNGUIDE' ENTERED AT 17:26:00 ON 10 MAR 2004

FILE 'HOME' ENTERED AT 17:26:03 ON 10 MAR 2004

FILE 'MEDLINE' ENTERED AT 17:26:16 ON 10 MAR 2004

L1	14495 S PAPILOMAVIRUS
L2	1122 S T CELL EPITOPE
L3	8 S L1 AND L2
	E NIELAND J/AU
L4	3 S E3
L5	21 S E4
L6	1 S E5
L7	5 S L5 AND L1

d 14 1-3 ti

L4 ANSWER 1 OF 3 MEDLINE on STN

TI HPV16 L1E7 chimeric virus-like particles induce specific HLA-restricted T cells in humans after in vitro vaccination.

L4 ANSWER 2 OF 3 MEDLINE on STN

TI Distinct chromosomal abnormalities in murine leukemia virus-induced T- and B-cell lymphomas.

L4 ANSWER 3 OF 3 MEDLINE on STN

TI Imbalanced MHC class II molecule expression at surface of murine B cell lymphomas.

=> s 15 and 11

L7 5 L5 AND L1

=> d 17 1-5 ti

L7 ANSWER 1 OF 5 MEDLINE on STN

TI Physical interaction of human **papillomavirus** virus-like particles with immune cells.

L7 ANSWER 2 OF 5 MEDLINE on STN

TI Chimeric **papillomavirus** virus-like particles induce a murine self-antigen-specific protective and therapeutic antitumor immune response.

L7 ANSWER 3 OF 5 MEDLINE on STN

TI Induction of HPV16 capsid protein-specific human T cell responses by virus-like particles.

L7 ANSWER 4 OF 5 MEDLINE on STN

TI Cellular immunity and immunotherapy against deoxyribonucleic acid virus-induced tumors.

L7 ANSWER 5 OF 5 MEDLINE on STN

TI Chimeric **papillomavirus** virus-like particles elicit antitumor immunity against the E7 oncoprotein in an HPV16 tumor model.

d 13 1-8

L3 ANSWER 1 OF 8 MEDLINE on STN
AN 2003058744 MEDLINE
DN PubMed ID: 12569558
TI Identification of a naturally processed HLA-A*0201 HPV18 E7 T
cell epitope by tumor cell mediated in vitro
vaccination.
AU Kather Angela; Ferrara Alfonso; Nonn Marion; Schinz Manuela; Nieland John;
Schneider Achim; Durst Matthias; Kaufmann Andreas M
CS Gynakologische Molekularbiologie, Frauenklinik FSU Jena, Jena, Germany.
SO International journal of cancer. Journal international du cancer, (2003
Apr 10) 104 (3) 345-53.
Journal code: 0042124. ISSN: 0020-7136.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200303
ED Entered STN: 20030206
Last Updated on STN: 20030401
Entered Medline: 20030331

L3 ANSWER 2 OF 8 MEDLINE on STN
AN 2001406634 MEDLINE
DN PubMed ID: 11457555
TI A DNA vaccine based on a shuffled E7 oncogene of the human
papillomavirus type 16 (HPV 16) induces E7-specific cytotoxic T
cells but lacks transforming activity.
AU Osen W; Peiler T; Ohlschlager P; Caldeira S; Faath S; Michel N; Muller M;
Tommasino M; Jochmus I; Gissmann L
CS Deutsches Krebsforschungszentrum, Angewandte Tumorstudiologie Im Neuenheimer
Feld 242, D-69120, Heidelberg, Germany.
SO Vaccine, (2001 Jul 20) 19 (30) 4276-86.
Journal code: 8406899. ISSN: 0264-410X.
CY England; United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200109
ED Entered STN: 20011001
Last Updated on STN: 20011001
Entered Medline: 20010927

L3 ANSWER 3 OF 8 MEDLINE on STN
AN 2000447150 MEDLINE
DN PubMed ID: 10999722
TI A phase I trial of a human papillomavirus (HPV) peptide vaccine
for women with high-grade cervical and vulvar intraepithelial neoplasia
who are HPV 16 positive.
AU Muderspach L; Wilczynski S; Roman L; Bade L; Felix J; Small L A; Kast W M;
Fascio G; Marty V; Weber J
CS Divisions of Gynecologic Oncology, University of Southern
California/Norris Comprehensive Cancer Center, Los Angeles 90033, USA.
NC R01-CA/AI78399 (NCI)
R01-CA67872 (NCI)
R01-CA74397 (NCI)
+
SO Clinical cancer research : an official journal of the American Association
for Cancer Research, (2000 Sep) 6 (9) 3406-16.
Journal code: 9502500. ISSN: 1078-0432.
CY United States

DT (CLINICAL TRIAL)
 (CLINICAL TRIAL, PHASE I)
 Journal; Article; (JOURNAL ARTICLE)

LA English
 FS Priority Journals
 EM 200102
 ED Entered STN: 20010322
 Last Updated on STN: 20010322
 Entered Medline: 20010201

L3 ANSWER 4 OF 8 MEDLINE on STN
 AN 2000021874 MEDLINE
 DN PubMed ID: 10553103
 TI CD4+ tumor-infiltrating lymphocytes in cervical cancer recognize
 HLA-DR-restricted peptides provided by human **papillomavirus**-E7.
 AU Hohn H; Pilch H; Gunzel S; Neukirch C; Hilmes C; Kaufmann A; Seliger B;
 Maeurer M J
 CS Department of Medical Microbiology, Johannes Gutenberg University, Mainz,
 Germany.
 SO Journal of immunology (Baltimore, Md. : 1950), (1999 Nov 15) 163 (10)
 5715-22.
 Journal code: 2985117R. ISSN: 0022-1767.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Abridged Index Medicus Journals; Priority Journals
 EM 199912
 ED Entered STN: 20000113
 Last Updated on STN: 20000113
 Entered Medline: 19991202

L3 ANSWER 5 OF 8 MEDLINE on STN
 AN 96094441 MEDLINE
 DN PubMed ID: 7499833
 TI Tumor-associated E6 protein of human **papillomavirus** type 16
 contains an unusual H-2Kb-restricted cytotoxic **T cell**
epitope.
 AU Gao L; Walter J; Travers P; Stauss H; Chain B M
 CS Department of Immunology, University College Medical School, London, UK.
 SO Journal of immunology (Baltimore, Md. : 1950), (1995 Dec 15) 155 (12)
 5519-26.
 Journal code: 2985117R. ISSN: 0022-1767.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Abridged Index Medicus Journals; Priority Journals
 EM 199601
 ED Entered STN: 19960217
 Last Updated on STN: 19960217
 Entered Medline: 19960118

L3 ANSWER 6 OF 8 MEDLINE on STN
 AN 96082317 MEDLINE
 DN PubMed ID: 7483818
 TI A helper **T-cell epitope** of the E7 protein of
 human **papillomavirus** type 16 in BALB/c mice.
 AU Vandebriel R J; van der Kolk M; Geerse L; Steerenberg P A; Krul M R
 CS Laboratory of Pathology, National Institute of Public Health and
 Environmental Protection, Bilthoven, The Netherlands.
 SO Virus research, (1995 Jun) 37 (1) 13-22.
 Journal code: 8410979. ISSN: 0168-1702.
 CY Netherlands

DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199512
ED Entered STN: 19960124
Last Updated on STN: 19960124
Entered Medline: 19951212

L3 ANSWER 7 OF 8 MEDLINE on STN
AN 93233248 MEDLINE
DN PubMed ID: 7682626
TI Production and characterization of human proliferative T-cell clones specific for human **papillomavirus** type 1 E4 protein.
AU Steele J C; Stankovic T; Gallimore P H
CS Department of Cancer Studies, Medical School, University of Birmingham, United Kingdom.
SO Journal of virology, (1993 May) 67 (5) 2799-806.
Journal code: 0113724. ISSN: 0022-538X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199305
ED Entered STN: 19930604
Last Updated on STN: 19960129
Entered Medline: 19930517

L3 ANSWER 8 OF 8 MEDLINE on STN
AN 91288568 MEDLINE
DN PubMed ID: 1712110
TI A "public" T-helper epitope of the E7 transforming protein of human **papillomavirus** 16 provides cognate help for several E7 B-cell epitopes from cervical cancer-associated human **papillomavirus** genotypes.
AU Tindle R W; Fernando G J; Sterling J C; Frazer I H
CS Lions Human Immunology Laboratories, University of Queensland, Princess Alexandra Hospital, Brisbane, Australia.
SO Proceedings of the National Academy of Sciences of the United States of America, (1991 Jul 1) 88 (13) 5887-91.
Journal code: 7505876. ISSN: 0027-8424.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199108
ED Entered STN: 19910825
Last Updated on STN: 19960129
Entered Medline: 19910802

WEST Search History

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DATE: Wednesday, March 10, 2004

Hide?	Set Name	Query	Hit Count
		<i>DB=USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L7	nieland john.in.	2
<input type="checkbox"/>	L6	jochmus ingrid.in.	0
<input type="checkbox"/>	L5	T cell epitope and papillomavirus.clm.	8
<input type="checkbox"/>	L4	T cell epitope and papillomavirus	100
		<i>DB=EPAB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L3	WO-9302184-A1.did.	1
		<i>DB=DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L2	Frazer I.in.	14
		<i>DB=USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L1	6613557.pn.	1

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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 6380364 B1

L7: Entry 1 of 2

File: USPT

Apr 30, 2002

US-PAT-NO: 6380364

DOCUMENT-IDENTIFIER: US 6380364 B1

TITLE: Chimeric biotin-binding papillomavirus protein

DATE-ISSUED: April 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mueller; Martin	Heidelberg			DE
Nieland; John D.	Martinsried			DE
Velders; Markwin P.	Forest Park	IL		
Kast; W. Martin	Willowbrook	IL		

US-CL-CURRENT: 530/402; 435/235.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 2. Document ID: US 6242176 B1

L7: Entry 2 of 2

File: USPT

Jun 5, 2001

US-PAT-NO: 6242176

DOCUMENT-IDENTIFIER: US 6242176 B1

TITLE: Papillomavirus cellular receptor

DATE-ISSUED: June 5, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kast; W. Martin	Willowbrook	IL		
Nieland; John D.	Munich			DE

US-CL-CURRENT: 435/5; 435/343, 435/343.1, 435/343.2, 435/345, 435/7.1, 435/7.24, 436/548

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Search Results - Record(s) 1 through 8 of 8 returned.

☐ 1. Document ID: US 6524825 B1

L5: Entry 1 of 8

File: USPT

Feb 25, 2003

US-PAT-NO: 6524825

DOCUMENT-IDENTIFIER: US 6524825 B1

TITLE: Immune responses against HPV antigens elicited by compositions comprising an HPV antigen and a stress protein or an expression vector capable of expression of these proteins

DATE-ISSUED: February 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mizzen; Lee A.	Victoria			CA
Chu; N. Randall	Victoria			CA
Wu; Huacheng Bill	Victoria			CA

US-CL-CURRENT: 435/69.7; 424/192.1, 424/9.34, 435/39, 435/5, 435/7.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. Data
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☐ 2. Document ID: US 6458368 B1

L5: Entry 2 of 8

File: USPT

Oct 1, 2002

US-PAT-NO: 6458368

DOCUMENT-IDENTIFIER: US 6458368 B1

TITLE: Attenuated microorganism strains expressing HPV proteins

DATE-ISSUED: October 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Haefliger; Denise Nardelli	Lausanne			CH
Kraehenbuhl; Jean-Pierre	Rivaz			CH

US-CL-CURRENT: 424/258.1; 424/192.1, 424/204.1, 424/234.1, 424/93.1, 424/93.2, 435/235.1, 435/320.1, 435/5, 435/7.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 3. Document ID: US 6365160 B1

L5: Entry 3 of 8

File: USPT

Apr 2, 2002

US-PAT-NO: 6365160

DOCUMENT-IDENTIFIER: US 6365160 B1

TITLE: Papillomavirus polyprotein constructs

DATE-ISSUED: April 2, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Webb; Elizabeth Ann	Eltham			AU
Margetts; Mary Brigid	Moonee Ponds			AU
Cox; John Cooper	Bullengarook			AU
Frazer; Ian	St. Lucia			AU
McMillan; Nigel Alan John	Woollongabba			AU
Williams; Mark Philip	Annerley			AU
Moloney; Margaret Bridget Holland	Essendon			AU
Edwards; Stirling John	Coburg			AU

US-CL-CURRENT: 424/192.1; 424/186.1, 424/199.1, 424/204.1, 435/235.1, 435/320.1,
435/69.1, 435/69.7, 530/350, 536/23.72

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 4. Document ID: US 6262029 B1

L5: Entry 4 of 8

File: USPT

Jul 17, 2001

US-PAT-NO: 6262029

DOCUMENT-IDENTIFIER: US 6262029 B1

TITLE: Chemically modified saponins and the use thereof as adjuvants

DATE-ISSUED: July 17, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Press; Jeffery B.	Brewster	NY		
Marciani; Dante J.	Birmingham	AL		

US-CL-CURRENT: 514/26; 424/184.1, 424/204.1, 424/234.1, 514/23, 536/18.6, 536/5

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 5. Document ID: US 6251406 B1

L5: Entry 5 of 8

File: USPT

Jun 26, 2001

US-PAT-NO: 6251406

DOCUMENT-IDENTIFIER: US 6251406 B1

TITLE: Attenuated microorganism strains and their uses

DATE-ISSUED: June 26, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Haefliger; Denise N.	Lausanne			CH
Kraehenbuhl; Jean-Pierre	Rivaz			CH

US-CL-CURRENT: 424/258.1; 424/192.1, 424/204.1, 424/234.1, 424/93.1, 424/93.2,
435/235.1, 435/320.1, 435/5, 435/7.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 6. Document ID: US 6080725 A

L5: Entry 6 of 8

File: USPT

Jun 27, 2000

US-PAT-NO: 6080725

DOCUMENT-IDENTIFIER: US 6080725 A

TITLE: Immunostimulating and vaccine compositions employing saponin analog
adjuvants and uses thereof

DATE-ISSUED: June 27, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Marciani; Dante J.	Birmingham	AL		

US-CL-CURRENT: 514/26; 424/184.1, 514/25, 536/4.1, 536/5

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 7. Document ID: US 6020309 A

L5: Entry 7 of 8

File: USPT

Feb 1, 2000

US-PAT-NO: 6020309

DOCUMENT-IDENTIFIER: US 6020309 A

TITLE: Pharmaceuticals based on papillomaviruses

DATE-ISSUED: February 1, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Campo; Maria Saveria	Glasgow			GB
Jarrett; William Fleming Hoggan	Glasgow			GB

US-CL-CURRENT: 514/12; 424/186.1, 424/192.1, 514/13, 514/14, 514/15, 514/16,
514/17, 514/18, 514/19, 514/2, 514/8

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 8. Document ID: US 5672472 A

L5: Entry 8 of 8

File: USPT

Sep 30, 1997

US-PAT-NO: 5672472

DOCUMENT-IDENTIFIER: US 5672472 A

**** See image for Certificate of Correction ****

TITLE: Synthetic unrandomization of oligomer fragments

DATE-ISSUED: September 30, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ecker; David J.	Leucadia	CA		
Wyatt; Jacqueline	Carlsbad	CA		
Bruice; Thomas W.	Carlsbad	CA		
Anderson; Kevin	Carlsbad	CA		
Hanecak; Ronnie C.	San Clemente	CA		
Vickers; Timothy	Oceanside	CA		
Davis; Peter	Carlsbad	CA		

US-CL-CURRENT: 435/6; 435/5, 435/91.1, 536/25.3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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Terms	Documents
T cell epitope and papillomavirus.clm.	8

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